Index of Claims

| Appl | ication | /Control | No. |
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10/597,059

Examiner

GREB ET AL.

Reexamination

Applicant(s)/Patent under

Art Unit

1621

Rejected **Allowed** 

(Through numeral) Cancelled

Restricted

N Interference

Non-Elected

Chukwuma O. Nwaonicha

Appeal Α 0 Objected

|                        |              | Щ.           |  |  |                 |              | , |  | _        |              |     |       |                                       |                 |          |          |          | J        |              |              |  |                |
|------------------------|--------------|--------------|--|--|-----------------|--------------|---|--|----------|--------------|-----|-------|---------------------------------------|-----------------|----------|----------|----------|----------|--------------|--------------|--|----------------|
| Cli                    | aim          | Т            | _  |  |                 | Dat          |   |  |          |              | 1   | Cla   | im                                    | Ι               |          |          | _        | Dat      |              |              |  | $\neg$         |
| <del>  "</del>         | i            |              | Т  | 1  | т               | I            | Ť | Т  | Т        | Т            | 1 1 | Oic   | , , , , , , , , , , , , , , , , , , , | 1               |          |          | т:       |          | Ť            | T            | Т  | М              |
| <del>-</del>           | Original     | 20/6         | 3  |  |                 |              |   |  |          |              |     | ਲ     | Original                              |                 |          |          |          | İ        | ľ            | l            | ļ  |                |
| Final                  | [ <u>.</u> E | 7            | }  | İ  |                 |              |   |  |          |              |     | Final | rigi                                  |                 |          |          |          |          |              |              | ĺ  |                |
| -                      | 0            | Ė            |  |  |                 |              | 1 |  | 1        |              |     | _     | 0                                     |                 |          |          |          |          |              |              |  |                |
|                        | 1            | $\vdash$     | ┪  | T  | $\top$          | $\vdash$     |   | t  | $\vdash$ | ┢            | 1 1 |       | 51                                    | Н               |          |          | $\vdash$ | t —      | t            | t            | <del>                                     </del> |                |
|                        | 1            |              | $\vdash$   |  | $\vdash$        | _            | 1 | T  |          | T            | 1 1 |       | 52                                    |                 |          |          | $\vdash$ |          | t            | t            | $\vdash$   | Н              |
|                        | 3            | <u> </u>     | 1  | T  | 1               |              | Т | T  | T        | $\vdash$     | 1 1 |       | 53                                    | $\Box$          |          |          | $\vdash$ |          | 1            | t            | t  | Н              |
|                        | 4            | ļ            | Г  | Т  | $\vdash$        |              | T | T  | T        | l            | 1 1 |       | 54                                    | П               |          |          |          | Т        | $\vdash$     | T            | $\vdash$   | Н              |
|                        | \$           |              | T  | T  |                 |              |   |  | <b> </b> |              | 1 1 |       | 55                                    | П               |          | -        |          | _        | r            | T            | H  |                |
|                        | 6            | İ            |  |  |                 |              |   |  |          |              | 1 1 |       | 56                                    | П               |          | -        |          |          |              | T            | Г  | П              |
|                        | 1            |              |  |  | _               |              |   |  |          |              | 1 1 |       | 57                                    | П               |          | -        |          |          | 1            |              | T  |                |
|                        | 8            | Г            | 1  |  |                 |              |   |  |          |              | 1 1 |       | 58                                    |                 |          |          |          |          | <b></b>      |              |  |                |
|                        | 4            |              |  |  | П               |              | Г | Г  |          | П            | 1 1 |       | 59<br>60                              |                 |          |          |          |          | 1            |              | П  |                |
|                        | 10           |              |  |  |                 |              |   |  |          |              | 1   |       | 60                                    |                 |          |          |          |          |              |              |  |                |
|                        | 11           |              |  |  |                 |              |   |  |          |              | 1 [ |       | 61                                    |                 |          |          |          |          |              |              | П  |                |
|                        | 12<br>1B     |              |  |  |                 |              |   |  |          |              |     |       | 62                                    |                 |          |          |          |          |              |              |  |                |
|                        |              | Ĺ            |  |  |                 |              |   |  |          |              | ] [ |       | 63                                    |                 |          |          |          |          |              |              |  |                |
|                        | 14           | Ţ            |  |  |                 |              |   |  |          |              |     |       | 64                                    |                 |          |          |          |          |              |              |  |                |
|                        | 15           | Ш            |  |  |                 |              |   |  |          |              |     |       | 65                                    |                 |          |          |          |          |              |              |  |                |
|                        | 16           | L            |  |  | Ŀ               |              |   | L  | L        | L            |     |       | 66                                    |                 |          |          |          |          |              |              |  |                |
|                        | 17           | L            | <u> </u>   |  |                 |              |   |  |          |              |     |       | 67                                    |                 |          |          |          |          |              |              |  |                |
|                        | 18           | Ш            |  |  |                 | Ŀ            |   |  |          |              |     |       | 68                                    |                 |          |          |          |          |              |              |  |                |
|                        | 19           | Ш            |  | L  |                 |              |   |  |          |              |     |       | 69                                    |                 |          |          |          |          |              |              |  |                |
|                        | 20           | Ш            |  | <u> </u>   |                 |              |   |  |          |              |     |       | 70                                    |                 |          |          |          |          |              |              |  |                |
|                        | 21           | Ш            |  |  |                 |              |   |  | L        |              |     |       | 71                                    |                 |          | _        |          |          | L            |              |  |                |
|                        | 22           | Ш            | L  | <u> </u>   |                 |              |   |  | <u> </u> | L            |     |       | 72                                    |                 |          |          |          |          |              |              | Ш  | Ш              |
|                        | 23           | Ш            |  | <u> </u>   |                 |              |   |  | _        | L            |     |       | 73                                    |                 | _        |          |          |          | <u> </u>     | <u> </u>     |  |                |
|                        | 24           | Щ            | <u> </u>   | <u> </u>   | <u> -</u>       | L            |   |  |          | <u>L</u>     |     |       | 74                                    |                 | _        |          |          |          |              |              |  | Ш              |
|                        | 25           | Ц.           | <u> </u>   | _  | Ш               |              |   | _  |          | L            |     |       | 75                                    |                 | _        |          |          | L        | <u> </u>     | $oxed{oxed}$ | L  | <u> </u>       |
| <u> </u>               | 26           | ۱,           | _  | <u> </u>   | Ш               |              |   |  |          |              |     |       | 76                                    |                 |          |          |          |          | <u> </u>     | L.           |  |                |
| <u> </u>               | 27           | Z            |  | _  | Ш               |              | _ | _  | <u> </u> | <u> </u>     |     |       | 77                                    | ·               | _        |          |          | _        |              | L            | _  | Ш              |
|                        | 28           |              |  | <u> </u>   |                 | $oxed{oxed}$ | _ | _  |          |              |     |       | 78                                    | $\Box$          | _        |          |          | _        | _            | _            |  |                |
|                        | 29           | <u> </u>     | _  | ┞  | Ш               | _            |   | <u> </u>   | <u> </u> |              |     |       | 79                                    | $\Box$          |          |          |          | _        | <u> </u>     | <u> </u>     | _  | Ш              |
|                        | 30           | <u> </u>     | <u> </u>   | ┡  |                 |              | _ | _  | <u> </u> |              |     |       | 80                                    | $\sqcup$        | _        | _        |          |          | ┞            | <u>L</u>     | L  | Ш              |
|                        | 31           | <u> </u>     | $\vdash$   | ┝  | _               |              | _ | <u> </u>   | <u> </u> | _            |     | -     | 81                                    |                 | _        |          |          |          | <u> </u>     |              |  | Н              |
|                        | 32           | <u> </u>     |  | ├  | -               |              |   | <u> </u>   | L        | <u> </u>     |     |       | 82                                    |                 |          | _        |          |          | <u> </u>     | <u> </u>     |  | Ш              |
|                        | 33           |              | $\vdash$   | $\vdash$   | $\vdash$        | $\vdash$     |   | ├—   | ├        |              |     |       | 83                                    | $\vdash \vdash$ |          | -        |          |          | <del> </del> | <u> </u>     | $\vdash$   | Н              |
|                        | 34<br>35     | $\vdash$     | $\vdash$   | +-   | $\vdash$        | $\vdash$     |   | ⊨  | ⊢        | ├            |     | -     | 84                                    | $\vdash$        | -        | _        |          | -        | <u> </u>     | $\vdash$     | $\vdash$   | Н              |
|                        | 36           | <del> </del> | $\vdash$   | -  | $\vdash\vdash$  |              |   | -  | -        | $\vdash$     | }   |       | 85<br>86                              | -               |          |          |          | _        | $\vdash$     | ⊢            | $\vdash$   | Н              |
|                        | 37           | $\vdash$     | $\vdash$   | Ͱ  | $\vdash$        | Щ            |   | H  |          | _            |     |       | 87                                    |                 | $\dashv$ | -        |          | -        | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash\vdash$ |
| <u> </u>               | 38           | -            | -  | <del>                                     </del> | Н               |              |   | -  | $\vdash$ | ├            |     |       | 88                                    | $\dashv$        | $\dashv$ | -        |          | _        | $\vdash$     | -            | $\vdash$   | $\dashv$       |
| -                      | 39           | $\vdash$     | -  | ├  |                 | -            |   | $\vdash$   | $\vdash$ | $\vdash$     |     |       | 89                                    |                 | $\dashv$ | -        |          |          | -            | ⊢            | $\vdash$   | $\dashv$       |
| <b></b>                | 40           | -            | $\vdash$   | -  | $\vdash$        |              |   | $\vdash$   | $\vdash$ | $\vdash$     |     |       | 90                                    | $\dashv$        | $\dashv$ | -        |          | -        | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$       |
|                        | 41           | -            | ├  | ╁  | $\vdash\vdash$  | $\vdash$     |   | -  | -        | <del> </del> |     |       | 91                                    | $\dashv$        | $\dashv$ | $\dashv$ |          |          | $\vdash$     | ├-           | -  | $\dashv$       |
|                        | 42           | _            | ├-   | ┢  | $\vdash$        |              |   | $\vdash$   | $\vdash$ | ├            |     | -+    | 92                                    | $\dashv$        | -        | $\dashv$ |          |          | $\vdash$     | $\vdash$     | $\vdash$   | $\dashv$       |
|                        | 43           | -            | $\vdash$   | 1  | $\vdash$        | -+           |   | $\vdash$   | -        | $\vdash$     |     | -     | 93                                    | $\dashv$        | $\dashv$ |          |          |          |              | $\vdash$     | $\vdash$   | $\dashv$       |
|                        | 44           | _            | <del> </del>                                     | $\vdash$   | Н               | $\dashv$     |   | $\vdash$   | -        |              | -   | - 1   | 94                                    | +               | $\dashv$ | -        |          | <u> </u> |              | $\vdash$     | $\vdash$   | <del></del>    |
|                        | 45           | -            | $\vdash$   | H  | $\vdash \vdash$ |              | _ |  | $\vdash$ | $\vdash$     |     |       | 95                                    | $\dashv$        | $\dashv$ | $\dashv$ | _        |          |              | <del> </del> | H  | $\vdash$       |
| $\vdash$               | 46           | -            | $\vdash$   | $\vdash$   | $\vdash$        | $\vdash$     |   | $\vdash$   | $\vdash$ | $\vdash$     |     |       | 96                                    | $\dashv$        | $\dashv$ | -        | $\dashv$ |          | <b></b>      | <del> </del> |  | $\vdash$       |
| <u> </u>               | 47           | _            | $\vdash$   | $\vdash$   | $\vdash$        | $\dashv$     | _ |  |          | <del> </del> |     |       | 97                                    | $\dashv$        | -+       | -        |          |          | <u> </u>     | $\vdash$     | $\vdash$   |                |
| $\vdash \vdash \vdash$ | 48           |              | $\vdash$   | $\vdash$   | Н               | $\dashv$     | - | <del> </del>                                     | $\vdash$ | $\vdash$     |     |       | 98                                    | $\dashv$        | $\dashv$ | $\dashv$ |          | _        | <del> </del> | $\vdash$     |  | $\vdash$       |
|                        | 49           |              | $\vdash$   |  | Н               |              |   | <del>                                     </del> | $\vdash$ | $\vdash$     |     |       | 99                                    | 十               | -        | $\dashv$ |          |          | H            |              | H  | $\dashv$       |
| $\Box$                 | 50           | _            | <del>                                     </del> |  | Н               | $\dashv$     | - | М  |          | -            |     |       | 100                                   | $\dashv$        | $\dashv$ | +        |          |          | $\vdash$     |              | $\vdash$   | $\dashv$       |
|                        |              |              |  |  |                 |              | _ |  |          |              | L   |       |                                       |                 | 1        | 1        |          |          | Щ.           | Ц.           | ш  |                |

| Cli         | aim            | Date         |            |              |          |          |              |          |          |          |  |  |
|-------------|----------------|--------------|------------|--------------|----------|----------|--------------|----------|----------|----------|--|--|
|             | Ţ;             |              |            | -            | Π        | Π        |              | Г        | Π        | Γ        |  |  |
| <u> </u>    | Original       |              | i          |              |          |          |              |          |          |          |  |  |
| Final       | ·ē             | l            |            |              |          |          |              |          |          |          |  |  |
| _           | 0              |              |            |              |          |          |              |          |          |          |  |  |
|             | 51             | H            |            | $\vdash$     | $\vdash$ | ╁─       | ┪            | ┢        | -        | -        |  |  |
| -           | 52             | ┢            | -          | <del>-</del> | $\vdash$ | ╁        | ┢            | $\vdash$ | $\vdash$ | $\vdash$ |  |  |
| <b></b>     | 52<br>53       | ┝            | ┝╌         | ├            |          | ┢        | ┢            |          |          | ┢        |  |  |
| -           | 53             | ┢            | ⊢          | ╁            | ⊢        | ⊢        | $\vdash$     | ┢        | ⊢        | $\vdash$ |  |  |
| <u> </u>    | 54<br>55       | -            |            | -            | ├        | -        | ⊢            | -        | H        |          |  |  |
| -           | 55             | ⊢            | ⊢          | ⊢            |          |          | -            | ⊢        | ├-       | <u> </u> |  |  |
| <u> </u>    | 56             | ⊢            | ⊢          | ├            | ļ        | <b> </b> | +            | <u> </u> | _        |          |  |  |
| -           | 57             | <u> </u>     | ⊢          |              |          | ⊢        | ļ.,          | -        | <u> </u> | <u> </u> |  |  |
| <u> </u>    | 58<br>59       | <u> </u>     | _          | <u> </u>     |          | _        | L_           | L        | _        | <u> </u> |  |  |
| <u> </u>    | 59             | L            | _          | _            |          | _        | _            | L.       | _        | ļ        |  |  |
|             | 60             |              | L.         |              |          |          |              | L        |          |          |  |  |
| <u> </u>    | 61             | L            | <u>L</u> . |              |          |          | $oxed{oxed}$ | L        |          |          |  |  |
|             | 62             |              | L.,        |              |          |          |              |          |          |          |  |  |
|             | 63             |              |            |              |          |          |              |          |          |          |  |  |
|             | 64<br>65       |              |            |              |          |          |              |          |          |          |  |  |
|             | 65             | Γ            |            | П            | П        |          |              | Г        |          |          |  |  |
|             | 66             | Г            |            |              |          |          |              |          |          |          |  |  |
|             | 67             |              |            |              |          |          |              |          |          |          |  |  |
|             | 68             |              |            |              |          |          |              |          |          |          |  |  |
|             | 69<br>70<br>71 |              |            |              |          | -        |              |          | _        |          |  |  |
|             | 70             | -            |            |              |          | $\vdash$ |              |          | -        |          |  |  |
| <del></del> | 71             | _            |            | $\vdash$     | $\vdash$ |          | $\vdash$     |          |          |          |  |  |
|             | 72             | -            | -          | -            |          |          | ⊢            | _        |          |          |  |  |
|             | 72             | <del> </del> |            | ┢            | -        | -        | ┝            | -        | $\vdash$ |          |  |  |
|             | 72<br>73<br>74 | <u> </u>     | $\vdash$   | ⊢            | $\vdash$ | ⊢        | $\vdash$     | $\vdash$ | $\vdash$ | <u> </u> |  |  |
| <del></del> | 74             |              | _          | H            | ┡        | -        | _            | <u> </u> | $\vdash$ | _        |  |  |
|             | 75<br>76       | $\vdash$     | ⊢          |              | _        | -        | <u> </u>     | ⊢        | <u> </u> |          |  |  |
| <u> </u>    | 76             | <u> </u>     | _          |              |          | <u> </u> | <u> </u>     | ļ        | _        | _        |  |  |
|             | 77             | Ŀ            | <u> </u>   | L            | ļ        | _        | <u> </u>     | <u> </u> | <u> </u> | _        |  |  |
| <u> </u>    | 78<br>79       |              |            |              |          | Ш        | _            | _        |          | _        |  |  |
|             | 79             | L.,          | <u> </u>   | L            | <u> </u> | L        |              | <u> </u> | _        |          |  |  |
|             | 80             |              | _          |              | <u> </u> |          | _            |          |          |          |  |  |
|             | 81             |              |            |              |          |          |              |          |          |          |  |  |
|             | 82             |              |            |              |          | L        |              |          |          |          |  |  |
|             | 83             |              |            | L            |          |          |              |          |          |          |  |  |
|             | 84             |              |            |              |          |          |              |          |          |          |  |  |
|             | 85             |              |            |              |          |          |              |          |          |          |  |  |
|             | 86<br>87       |              |            |              |          |          |              |          |          |          |  |  |
|             | 87             |              |            |              |          |          |              |          |          |          |  |  |
|             | 88             |              |            |              |          |          |              |          |          |          |  |  |
|             | 89             |              |            |              |          |          |              |          |          |          |  |  |
|             | 90             |              |            |              |          |          |              |          |          |          |  |  |
|             | 91             |              |            |              |          |          |              |          |          |          |  |  |
|             | 92             |              |            |              |          |          |              |          |          |          |  |  |
|             | 93             |              |            | _            |          |          | _            |          |          |          |  |  |
|             | 94             |              |            |              | $\vdash$ |          |              |          |          |          |  |  |
| -           | 95             |              |            | $\vdash$     | <u> </u> | $\vdash$ |              |          | H        |          |  |  |
| -           | 96             |              |            | Η-           |          |          |              | -        | -        |          |  |  |
| $\vdash$    | 97             |              |            | -            |          | H        |              |          |          |          |  |  |
| -           | 98             |              | -          | $\vdash$     |          | Н        | —            | _        |          |          |  |  |
| -           | 99             | -            |            |              |          | Н        |              |          | H        |          |  |  |
| <u> </u>    |                |              |            | $\vdash$     | -        | Н        | $\vdash$     |          | $\vdash$ | -        |  |  |
| 1           | 100            |              |            |              |          |          |              |          |          |          |  |  |

| Cl       | Date              |               |          |          |              |          |          |          |          |          |  |
|----------|-------------------|---------------|----------|----------|--------------|----------|----------|----------|----------|----------|--|
| Final    | Original          |               |          |          |              |          |          |          |          |          |  |
|          | 101               |               |          |          |              |          |          |          |          |          |  |
|          | 102               |               | ــــ     | _        | <u> </u>     | <u> </u> |          |          | _        | Щ        |  |
|          | 103               |               | <b> </b> | <u> </u> |              | <u> </u> |          |          | ļ        | Ш        |  |
|          | 104<br>105        | _             | ⊢        |          | $\vdash$     |          |          |          |          | Н        |  |
|          | 105               | _             | ⊢        | -        | ⊢            | -        |          | ┝        |          | Н        |  |
|          | 107               | _             | ⊢        | -        |              | $\vdash$ | _        | ┝        | _        | Н        |  |
|          | 108               | -             |          | -        | -            | ┢        |          |          | H        | Н        |  |
|          | 109               |               | -        |          |              | ╁─       |          | ┢        | $\vdash$ | $\vdash$ |  |
|          | 110               |               | $\vdash$ | Т        |              | _        | _        | ┢        | _        |          |  |
|          | 111<br>112        |               |          |          |              |          |          |          |          |          |  |
|          | 112               |               |          |          |              |          |          |          |          |          |  |
|          | 113               |               |          |          |              |          |          |          |          |          |  |
| <u> </u> | 113<br>114<br>115 |               |          |          | _            |          |          |          |          | Ш        |  |
|          | 115               |               | <u> </u> | _        |              | _        | ļ        | _        |          | •        |  |
|          | 116<br>117        |               |          |          | <u> </u>     |          | <u> </u> |          |          |          |  |
|          | 118               |               |          |          |              |          |          | ⊨        | _        |          |  |
|          | 119               |               |          | -        | -            | -        | -        | _        |          |          |  |
|          | 120               |               |          |          | $\vdash$     |          | -        |          |          |          |  |
|          | 121               |               |          |          | $\vdash$     |          |          |          |          |          |  |
|          | 122               | $\overline{}$ |          |          | $\vdash$     |          |          |          |          |          |  |
|          | 121<br>122<br>123 |               |          |          |              |          |          |          |          |          |  |
|          | 124<br>125        |               |          |          |              |          |          |          |          |          |  |
|          | 125               |               |          |          |              | _        |          |          |          |          |  |
|          | 126               |               | _        | _        | L            |          |          |          | _        |          |  |
|          | 127               |               |          | _        |              |          |          |          | _        |          |  |
|          | 127<br>128<br>129 |               |          |          | <u> </u>     |          | _        |          |          |          |  |
|          | 130               | _             |          | -        |              | -        |          |          | $\vdash$ | $\dashv$ |  |
|          | 131               |               | -        | -        | ├            | -        |          |          |          | $\dashv$ |  |
|          | 132               |               |          |          |              |          |          |          |          | $\vdash$ |  |
|          | 133               | _             |          |          |              |          |          |          |          |          |  |
|          | 133<br>134        |               |          |          |              | Г        |          |          |          |          |  |
|          | 135               |               |          |          |              |          |          |          |          |          |  |
|          | 136               |               |          |          |              |          |          |          |          |          |  |
|          | 137               |               | _        |          |              | <u> </u> |          |          |          | Ш        |  |
|          | 138               |               |          |          | _            |          | _        | <u> </u> |          |          |  |
|          | 139<br>140        |               |          |          |              |          |          |          | _        | $\dashv$ |  |
|          |                   |               | _        |          |              | H        |          |          | $\dashv$ |          |  |
|          | 141               | -             | _        |          | <del>-</del> | -        | H        | $\vdash$ | $\dashv$ | $\vdash$ |  |
| -        | 143               | _             | _        |          | $\vdash$     | -        |          |          | ٣.       | $\dashv$ |  |
|          | 144               |               |          |          |              | _        |          |          |          |          |  |
|          | 145               |               |          |          |              |          |          |          |          |          |  |
|          | 146               |               |          |          |              |          |          |          |          |          |  |
|          | 147               |               |          |          |              |          |          |          |          |          |  |
|          | 148               |               |          |          |              |          |          |          |          |          |  |
|          | 149               |               |          |          |              | Ш        |          |          |          | Ш        |  |
|          | 150               |               |          |          |              |          |          |          |          | Ш        |  |